

**293H Cells Transfected with
Anti-Ataxin1 Ribozyme (A1364A)
and Anti-ataxin siRNA (AT0945)**

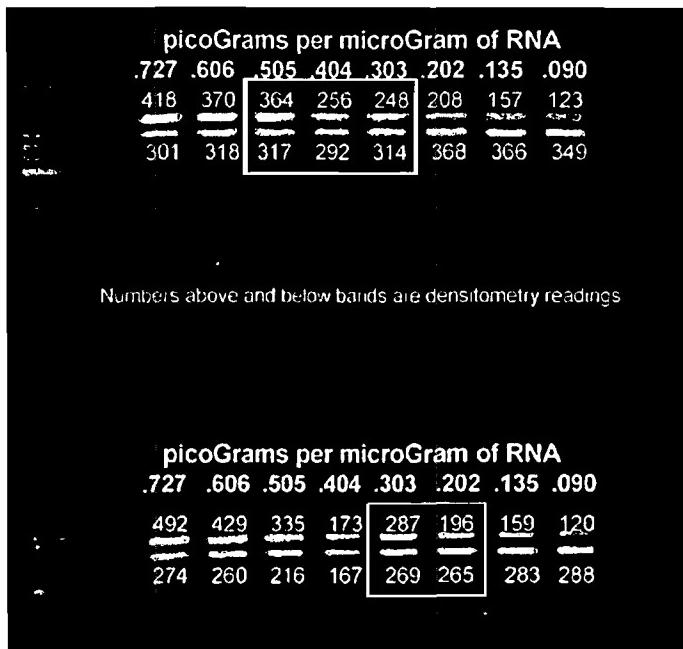


FIG. 1

**293H Cells Transfected with Control siRNA (GAPDH)
and Anti-ataxin siRNA (AT1671)**

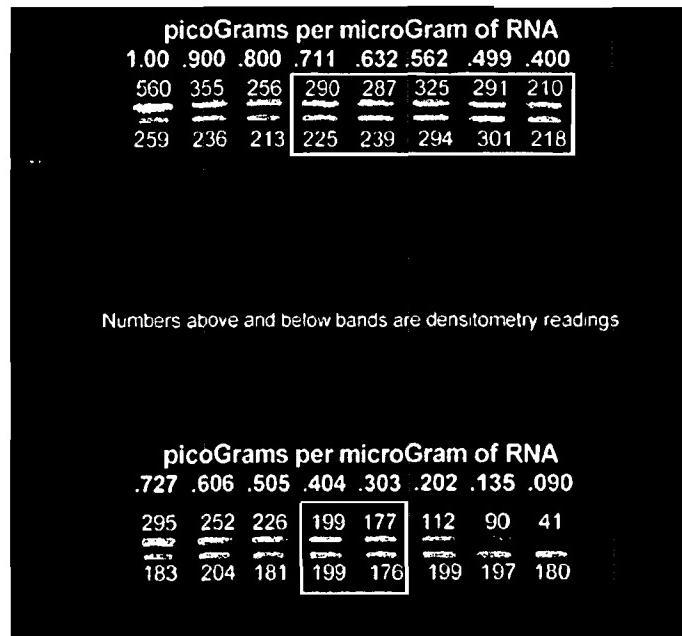


FIG. 2

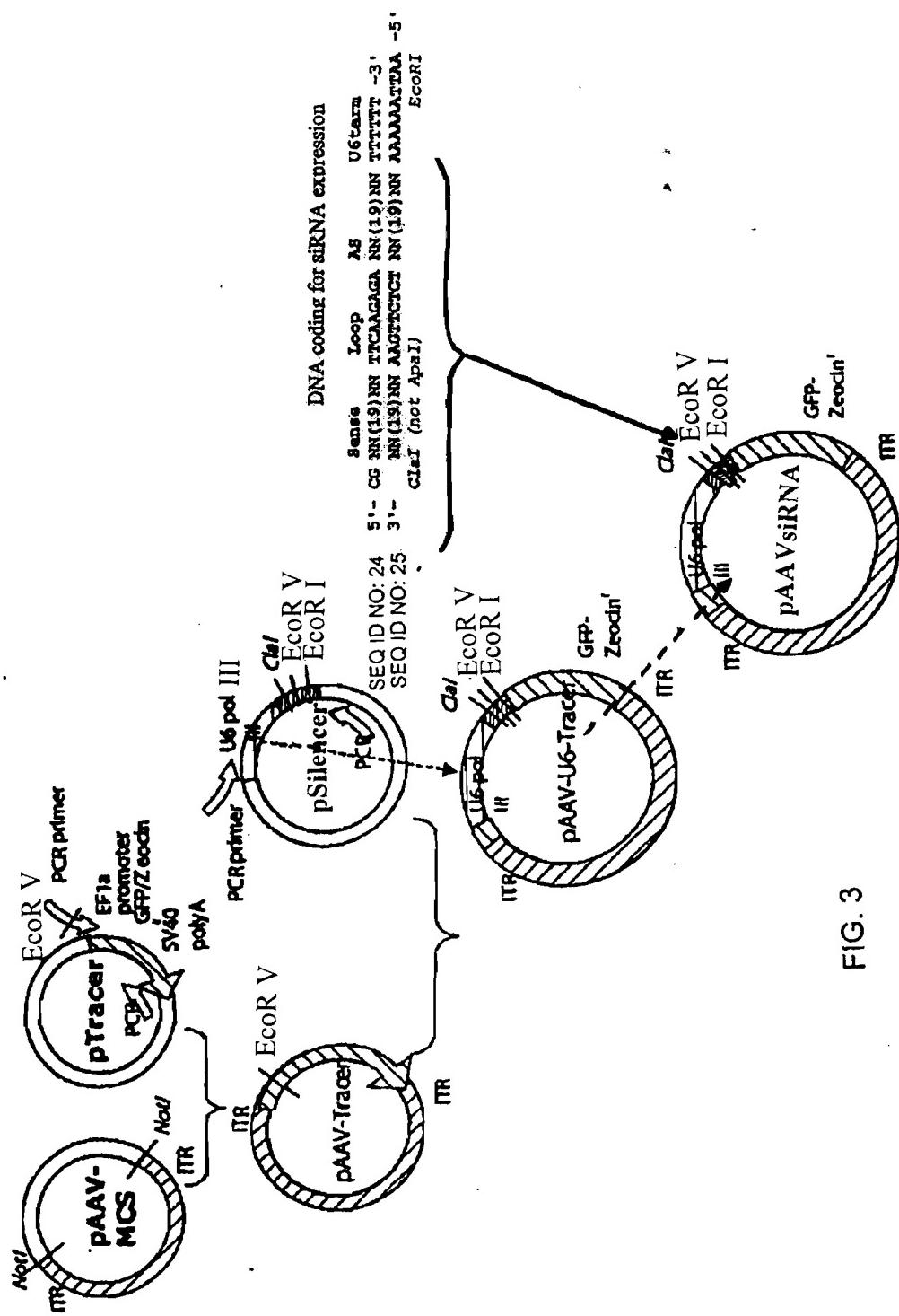


FIG 3

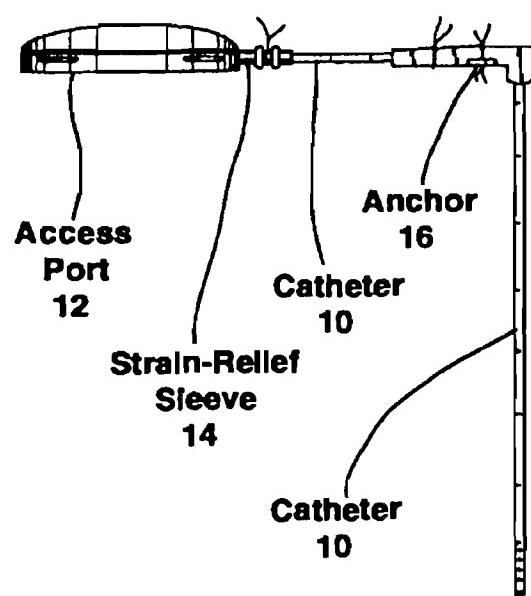


FIG. 4

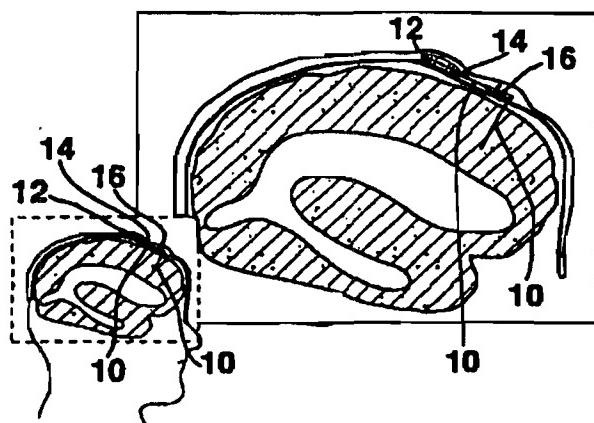


FIG. 5

Small interfering RNA Treatment of Neurodegenerative Diseases

| Disease | Location | Gene Product |
|---|---|---|
| Parkinson's Disease | Sub Nigra | alpha-synuclein |
| Alzheimer's Disease | Basalis of Meynert Cerebral Cortex | BACE1 (including variants thereof, e.g. variants A, B, C, and D) |
| Huntington's Disease | Striatum: Caudate Nucleus Putamen | Huntingtin IT15 |
| Spinocerebellar Ataxia Type 1 Type 2 Type 3 (Machado Joseph) | Deep Cerebellar Nuclei: Dentate nucleus Emboliiform nucleus Globbose nucleus Fastigial nucleus Cerebellar cortex | Ataxin 1 Ataxin 2 Ataxin 3 |
| Dentatorubral-pallidoluysian atrophy | Red Nucleus Globose Pilidus | Atrophin 1 |

FIG. 6